

# EUROPEAN PATENT OFFICE

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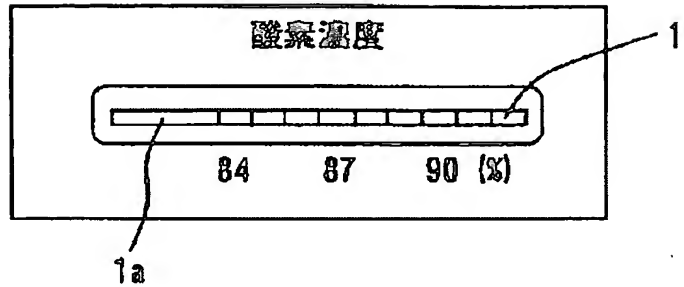
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TITLE : MEDICAL OXYGEN CONCENTRATOR  
WITH OXYGEN CONCENTRATION  
DISPLAY LAMP



ABSTRACT : PROBLEM TO BE SOLVED: To provide a medical oxygen concentrator capable of displaying the concentration of oxygen supplied to a user in real time by a bar graph.

SOLUTION: A medical oxygen concentrator capable of separating oxygen from raw material air, using an adsorbent capable of selectively absorbing nitrogen and taking out obtained oxygen at a flow rate corresponding to a user, the oxygen concentrator has a bar graph-shape display lamp portion in which a plurality of LED lamps is arranged linearly, the LED lamps are turned on by electrical signals from an oxygen concentration sensor capable of measuring the concentration of oxygen supplied to the user, and display the concentration value of oxygen supplied to the user at many stages. At this time, of the plurality of LED lamps forming the display lamp portion, the color of the LED lamps in the range indicating the abnormality of the oxygen concentration is preferably different from the color of the LED lamps in the range indicating the normality of the concentration of oxygen.

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